

NIST Image Group Open Source (NIGOS)

August 20, 2006

FAQ

1. Why can't I connect to NIGOS?

One possible cause may be due to your firewall settings, where outgoing connections from the client are blocked at the client's end by a firewall. In this case, there is nothing NIST can do to remedy this situation. The simplest solution is to work with your firewall administrator to add a rule to the firewall to allow outgoing connections to

`nigos.hist.gov`, port 1666.

An alternative is to create an SSH tunnel using a host that is outside your firewall, and therefore, is not blocked from creating a connection to `nigos.nist.gov:1666`. This will still require the SSH port (usually port 22) to be open through your firewall. You will need to have login authority on the outside host, and an SSH client on your development machine.

Setting up an SSH tunnel is demonstrated in the following example. In this example, the SSH host is named `ssh.somecompany.com`, and the user's development machine is `myclient.somecompany.com`. Using the OpenSSH software as an example, the user would create the tunnel in this manner:

```
ssh -f -N -L4666:nigos.nist.gov:1666 ssh.somecompany.com
```

entering their password for `ssh.somecompany.com`.

Next, set the Perforce port to the local end of the ssh tunnel:

```
export P4PORT=4666
```

Perforce clients will now be able to communicate with the NIST Perforce server.

2. How can I contribute to the NBIS project?

The NIST Image Group appreciates all technical contributions to the NBIS project. If you are interested on contributing to the NBIS project, you are welcome to become a developer. As a developer, you will have your own NBIS development branch within Perforce, which allows you to manage your own NBIS development source code. To become a NBIS project developer, please send an email to nbis@nist.gov with the following information: Name, Organization, Contact Information and a brief description of your goals as an NBIS project developer. After we have received your request, we will contact you for further information.

Terms and conditions:

There is no guarantee that your contributions will be included in the NBIS Main development branch; the integration of outside changes is at the sole discretion of the NIST Image Group. However, any changes that are integrated will fall under the same licensing terms as the original software.

Perforce licenses are a limited resource; if you do not make changes to your development branch within any 180-day period, we may ask you to return the license to us, and your account will be deleted. However, we will make all reasonable attempts at contacting you before deleting your account.